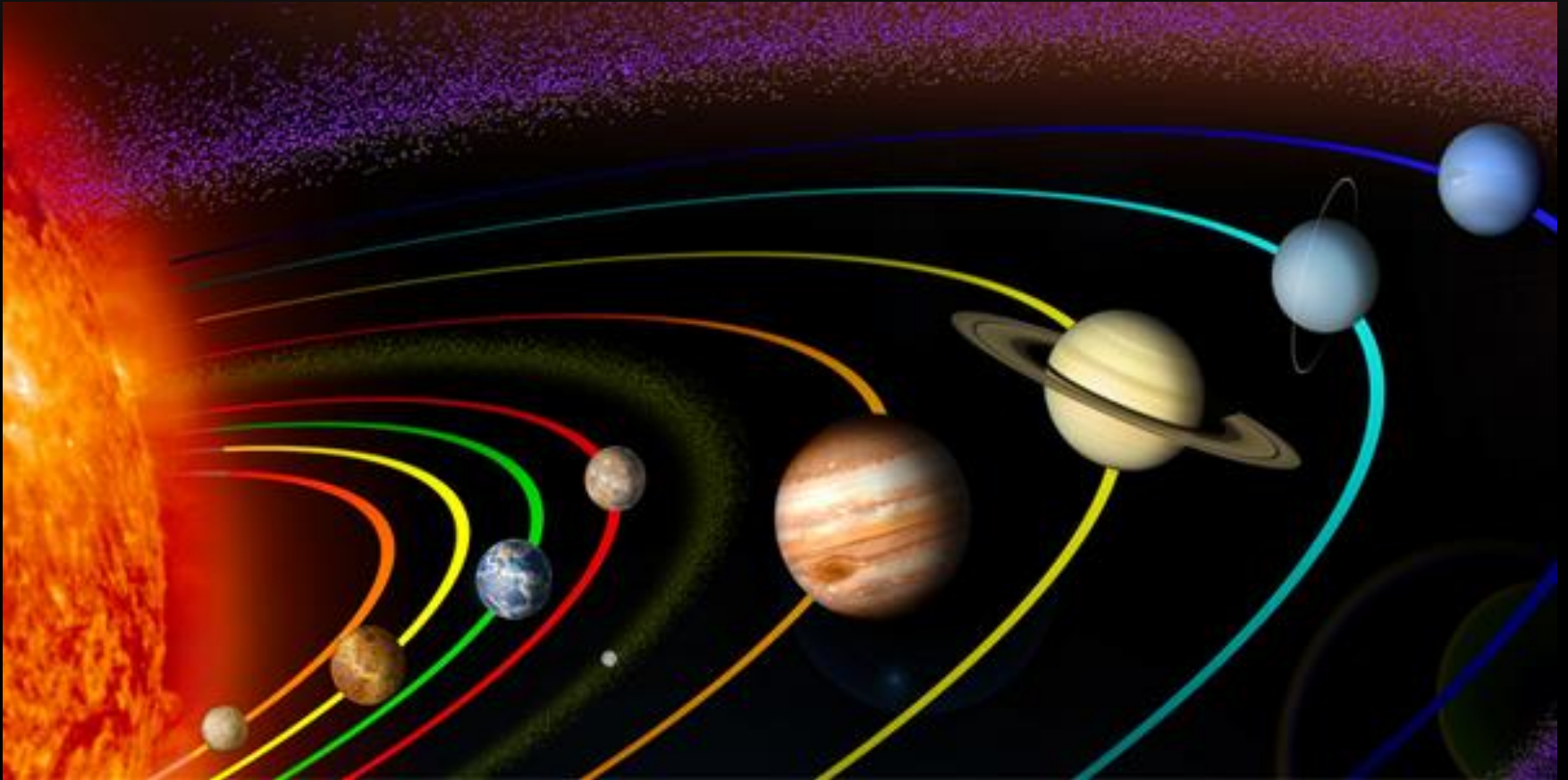


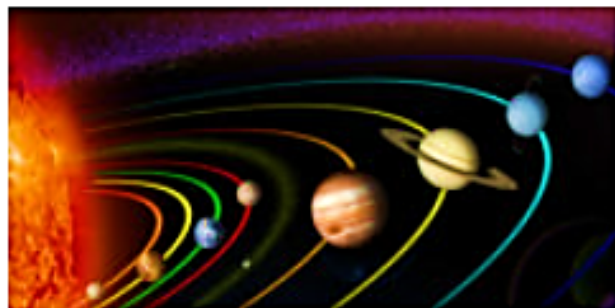


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ONLINE EDUCATION

GREAT MODEL OF THE SOLAR SYSTEM



Great Model of the Solar System – level 2



07-07-2020

15:00

Level 1

Level 2

Level 3

There is a lot which we don't know about the universe. What we know is that it's really, really big. The solar system, for example, is extremely small compared to the whole universe.

Two filmmaker friends said that every picture of the Solar System is wrong – the pictures are not **to scale**. The friends decided to make a model which is to scale. They created the model in the Nevada desert.

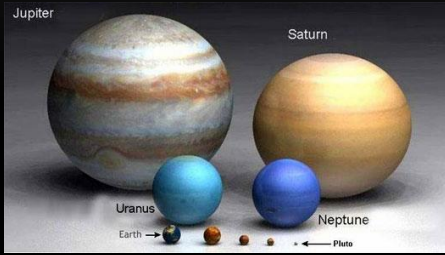
A **marble** represented each planet, and each marble was **lit** by a LED light. The planets moved around in the desert at night. The filmmakers turned this into a film. Go check it out!



VOCABULARIES

Identify which from the pictures does each word below relate to.

a



b



c



d



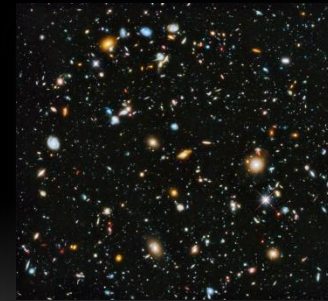
f



e



g



- Universe /'ju:nə.vɜ:s/
- Extremely /ɪk'stri:m.li/
- Filmmaker /'fɪlm.meɪ.kə/
- To scale /tu: skeɪl/
- Model /'mɔ:.dəl/
- Marble /'mɑ:r.bəl/
- Lit /lɪt/

VOCABULARIES

- **universe** /'ju:.nə.vɜ:s/ - everything that exists in space
- **extremely** /ɪk'stri:m.li/ - very
- **filmmaker** /'fɪlm,meɪ.kə/ - director
- **to scale** /tu: skeɪl/ - they are as small or as big as they should be compared to other things on the map
- **model** /'mɔ:..dəl/ - representation
- **marble** /'mɔ:r.bəl/ - a small ball of coloured glass
- **lit** /lɪt/ - past simple and past participle of light

QUICK CHECK

1. What do we know about the universe?
2. What is extremely small compared to the universe?
3. Who said that every picture of the Solar System is wrong?
4. Why did they say so?
5. What model have they created?
6. What represented each planet and what lit each?
7. What did the filmmakers turn into a film?

CONVERSATION QUESTIONS

1. Do you remember the first time you heard or seen pictures about the universe? Can you describe your experience?
 2. What are the things that amazed you regarding the Solar System?
 3. Have you tried making a model of the Solar System when you were in your grade or high school? Can you describe how you made it?
 4. Have you watched filmed videos or documentaries about the Solar System? What thoughts came to you while or after watching each?
 5. If you are to document a planet from the Solar System, what would it be and why?
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